



PATENT

Atty. Docket No. 678-773 (P 10015)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Hyun-Woo Lee et al.

SERIAL NO.: 09/989,233

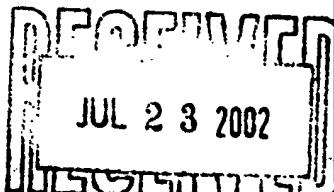
GROUP: Art Unit 2858

FILED: November 19, 2001

DATED: April 8, 2002

FOR: **APPARATUS AND METHOD FOR MEASURING  
PROPAGATION DELAY IN AN NB-TDD CDMA MOBILE  
COMMUNICATION SYSTEM**

Commissioner for Patents  
Washington, D.C. 20231



**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

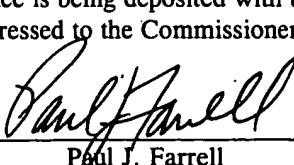
The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the Commissioner for Patents, Washington, D.C. 20231.

Dated: April 8, 2002



Paul J. Farrell

Paul J. Farrell

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The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

- This information disclosure statement is being filed within three (3) months of the filing date of this application.
- This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application.
- To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- Enclosed herewith is a certificate under 37 C.F.R. §1.97(e)(1).
- Enclosed herewith is a petition under 37 C.F.R. §1.97(d)(ii).
  - Enclosed by check is the petition fee of \$130.00. (37 C.F.R. §1.17(i)(1))
  - Please charge the \$130.00 petition fee to Deposit Account No. 04-1121.

[ ] Enclosed by check is the \$180.00 fee required by 37 C.F.R. §1.17(p).

[ ] Please charge the \$180.00 fee required by 37 C.F.R. §1.17(p) to Deposit Account No. 04-1121.

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 04-1121. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



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Form PTO-1449	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 678-773 (P 10015)	SERIAL NO. 09/989,233
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		<b>APPLICANT</b> Hyun-Woo LEE, et al.	
		<b>FILING DATE</b> November 19, 2001	<b>GROUP ART UNIT</b> 2858

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 01/67620 A2,3	09/13/2001					
		DE 100 08 653 A1	09/06/2001					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

			3G TR 25.928, <u>1.28 Mcps Functionality for UTRA TDD Physical Layer</u> , 07/01/2000, pp 82-85.
			3GPP TS 25.435, <u>Utran Iub Interface User Plane Protocols for Common Transport Channel Data Streams</u> , 09/01/2000, p 15.
			ETSI TR 125.937, 3GPP TR 25.937, <u>Low Chip Rate TDD Iub/Iur Protocol Aspects</u> , 03/01/2001, pp 23-28.

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.